

**PCN: V19-007-476103-OA**

**Product Change Notice**

**Issue Date: 11-July-2019**

**Change Type:**

Elimination of rubber band that bind the shipping tubes inside the ESD bag

**Parts Affected:**

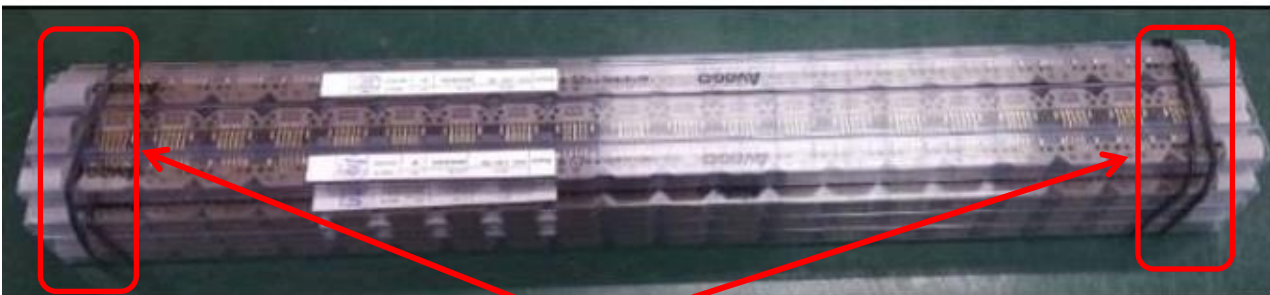
All Zipper 1, Zipper 1 with Codewheel and Zipper 2 encoders product family.

Product Number	Product Description
HEDS-9XXX-XXX	2Ch and 3Ch Encoder Series – Zipper 1 and Zipper 2 product family
HEDT-9XXX-XXX	2Ch and 3Ch Hi Temp Encoder Series
QEDS-9XXX-XXX	2Ch and 3Ch Encoder Series
SEDS-9XXX-XXX	2Ch Encoder Series

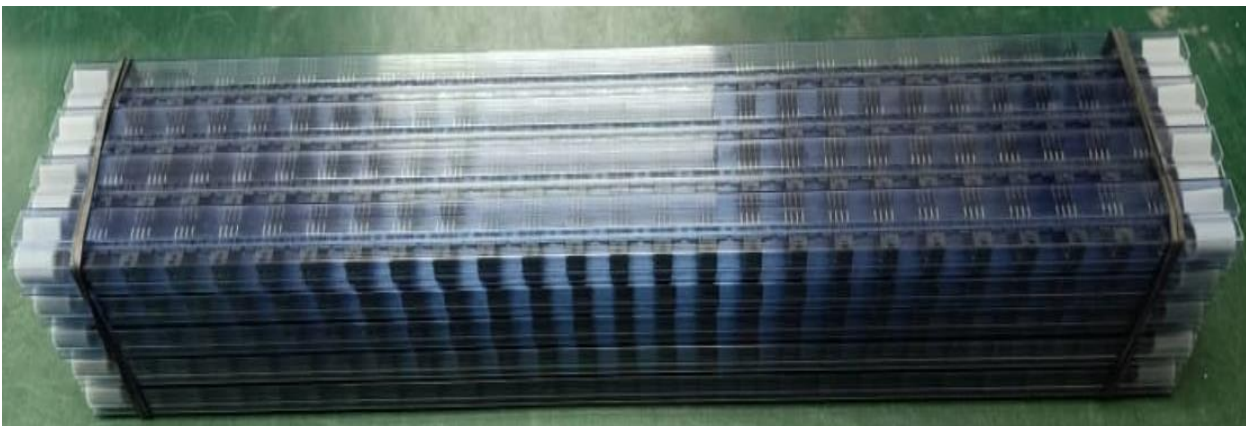
**Description and Extent of Change:**

New packing method by eliminating rubber band to binding the shipping tubes

Before Change - Binding shipping tubes with rubber band



Binding tubes with rubber band



After Change – Packing the shipping tubes inside the ESD bag without rubber band.



Packing tubes inside ESD bag without  
rubber band



### **Reasons for Change:**

Elimination of rubber band will avoid potential tube deforms at the customer side

### **Effect of Change on Fit, Form, Function, Quality, or Reliability:**

There is no impact to the product form, fit, function, quality or reliability at end customer by eliminating the rubber band.

### **Effective Date of Change:**

Product shipment using this change will commence in August 2019.

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These changes have been reviewed and approved by Avago Technologies engineers and managers per Avago Technologies procedure: Change Control and Customer Notification.

Please contact your Avago Technologies field sales engineer or Contact Center (<http://www.avagotech.com/contact/>) for any questions or support requirements. Please return any response as soon as possible, but not to exceed 30 days.

Part Number	Encoder Part Description	Remarks: Avago/Broadcom Product family
HEDL-9000#U00	En,LDrv,2Ch,2048CPR	ZIPPER 1
HEDL-9100#A00	En,LDrv,2Ch,500CPR	ZIPPER 1
QEDS-9594	En,Rop=11mm,2Ch,500CPR,690mm	ZIPPER 1
QEDS-9595	En,LDrv,2Ch,500CPR, 90mm Cable	ZIPPER 1
HEDL-9040#B00	En,LDrv,3Ch,1000CPR	ZIPPER 1
HEDL-9040-T00	En, LDrv, 3Ch, 2000CPR	ZIPPER 1
HEDL-9140#A00	En,LDrv,3Ch,500CPR	ZIPPER 1
HEDL-9140#I00	En,LDrv,3Ch,512CPR	ZIPPER 1
HEDL-9200-300	En,2Ch,300 LPI, LD	ZIPPER 1
HEDS-9000#A00	En,Rop=23.36mm,2Ch,500CPR	ZIPPER 1
HEDS-9000#B00	En,Rop=23.36mm,2Ch,1000CPR	ZIPPER 1
HEDS-9000#J00	En,Rop=23.36mm,2Ch,1024CPR	ZIPPER 1
HEDS-9000#T00	En,Rop=23.36mm,2Ch,2000CPR	ZIPPER 1
HEDS-9000#U00	En,Rop=23.36mm,2Ch,2048CPR	ZIPPER 1
HEDS-9100#A00	En,Rop=11mm,2Ch,500CPR	ZIPPER 1
HEDS-9100#B00	En,Rop=11mm,2Ch,1000CPR	ZIPPER 1
HEDS-9100#C00	En,Rop=11mm,2Ch,100CPR	ZIPPER 1
HEDS-9100#E00	En,Rop=11mm,2Ch,200CPR	ZIPPER 1
HEDS-9100#F00	En,Rop=11mm,2Ch,256CPR	ZIPPER 1
HEDS-9100#G00	En,Rop=11mm,2Ch,360CPR	ZIPPER 1
HEDS-9100#H00	En,Rop=11mm,2Ch,400CPR	ZIPPER 1
HEDS-9100#I00	En,Rop=11mm,2Ch,512CPR	ZIPPER 1
HEDS-9100#J00	En,Rop=11mm,2Ch,1024CPR	ZIPPER 1
HEDS-9100#K00	En,Rop=11mm,2Ch,96CPR	ZIPPER 1
HEDS-9100#S00	En,Rop=11mm,2Ch,50CPR	ZIPPER 1
HEDS-9101#A00	En,Rop=11mm,2Ch,500CPR,Bent Lds	ZIPPER 1
HEDS-9101#C00	En,Rop=11mm,2Ch,100CPR,Bent Lds	ZIPPER 1
HEDS-9101#E00	En,Rop=11mm,2Ch,200CPR,Bent Lds	ZIPPER 1
HEDS-9101#G00	En,Rop=11mm,2Ch,360CPR,Bent Lds	ZIPPER 1
HEDS-9200#300	En,2Ch,300 LPI	ZIPPER 1
HEDS-9200#360	En,2Ch,360 LPI	ZIPPER 1
HEDS-9200#Q00	En,2Ch,180 LPI	ZIPPER 1
QEDS-9000-A00	En,Rop=23.36mm,2Ch,500CPR	ZIPPER 1
QEDS-9000-B00	En,Rop=23.36mm,2Ch,1000CPR	ZIPPER 1
QEDS-9000-J00	En,Rop=23.36mm,2Ch,1024CPR	ZIPPER 1
QEDS-9000-T00	En, Rop=23.36mm, 2Ch, 2000CPR	ZIPPER 1
QEDS-9100-A00	Z1 no cover,500 CPR, 2CH, RoP=11mm	ZIPPER 1
QEDS-9100-C00	En,Rop=11mm,2Ch,100CPR	ZIPPER 1
QEDS-9100-E00	En,Rop=11mm,2Ch,200CPR	ZIPPER 1
QEDS-9100-G00	Z1 no cover,360 CPR, 2CH, RoP=11mm	ZIPPER 1
QEDS-9100-I00	En,Rop=11mm,2Ch,512CPR	ZIPPER 1
QEDS-9100-K00	En,Rop=11mm,2Ch,96CPR	ZIPPER 1
QEDS-9100-S00	En,Rop=11mm,2Ch,50CPR	ZIPPER 1
QEDS-9101-B00	En,Rop=11mm,2Ch,1000CPR,R Bent Ld	ZIPPER 1
HEDS-9040#B00	En,Rop=23.36mm,3Ch,1000CPR	ZIPPER 1
HEDS-9040#J00	En,Rop=23.36mm,3Ch,1024CPR	ZIPPER 1
HEDS-9040#T00	En,Rop=23.36mm,3Ch,2000CPR	ZIPPER 1
HEDS-9041#B00	En,3Ch,1000CPR,Bent Lds	ZIPPER 1

HEDS-9041-J00	En,Rop=23.36mm,3Ch,1024CPR,Bt Ld	ZIPPER 1
HEDS-9041-T00	En,Rop=23.36mm,3Ch,2000CPR,Bent Ld	ZIPPER 1
HEDS-9140#A00	En,Rop=11mm,3Ch,500CPR	ZIPPER 1
HEDS-9140#C00	En,Rop=11mm,3Ch,100CPR	ZIPPER 1
HEDS-9140#E00	En,Rop=11mm,3Ch,200CPR	ZIPPER 1
HEDS-9140#F00	En,Rop=11mm,3Ch,256CPR	ZIPPER 1
HEDS-9140#G00	En,Rop=11mm,3Ch,360CPR	ZIPPER 1
HEDS-9140#H00	En,Rop=11mm,3Ch,400CPR	ZIPPER 1
HEDS-9140#I00	En,Rop=11mm,3Ch,512CPR	ZIPPER 1
HEDS-9140#S00	En,Rop=11mm,3Ch,50CPR	ZIPPER 1
HEDS-9140-800	En,Rop= 11mm,3Ch 800CPR	ZIPPER 1
HEDS-9140-B00	En, Rop= 11mm, 3Ch 1000CPR	ZIPPER 1
HEDS-9141#A00	En,Rop=11mm,3Ch,500CPR,Bent Lds	ZIPPER 1
HEDS-9141#E00	En,Rop=11mm,3Ch,200CPR,Bent Lds	ZIPPER 1
HEDS-9141#F00	En,Rop=11mm,3Ch,256CPR,Bent Lds	ZIPPER 1
HEDS-9141#G00	En,Rop=11mm,3Ch,360CPR,Bent Lds	ZIPPER 1
HEDS-9141-800	En, Rop=11mm,3Ch 800CPR,Bend Lead	ZIPPER 1
HEDS-9141-C00	En,Rop=11mm,3Ch,100CPR,Bent Ld	ZIPPER 1
HEDS-9141-J00	En,RoP=11.262mm,3Ch,1024CPR,BentLd	ZIPPER 1
HEDT-9140-J00	Z1 High temp,3Ch,1024CPR,11.262mm RoP	ZIPPER 1
HEDW-9140-A00	En,3ch,500CPR 11mm>window option	ZIPPER 1
QEDS-9040-J00	En, Rop=23.36mm, 3Ch, 1024CPR	ZIPPER 1
QEDS-9040-T00	En, Rop=23.36mm, 3Ch, 2000CPR	ZIPPER 1
QEDS-9140-A00	En, Rop=11mm,3Ch, 500CPR	ZIPPER 1
QEDS-9140-C00	En, Rop=11mm,3Ch, 100CPR	ZIPPER 1
QEDS-9140-E00	En, Rop=11mm,3Ch, 200CPR	ZIPPER 1
QEDS-9140-F00	En, Rop=11mm,3Ch, 256CPR	ZIPPER 1
QEDS-9140-G00	En, Rop=11mm,3Ch, 360CPR	ZIPPER 1
QEDS-9140-H00	En, Rop=11mm,3Ch, 400CPR	ZIPPER 1
QEDS-9140-I00	En, Rop=11mm,3Ch, 512CPR	ZIPPER 1
QEDS-9140-S00	En, Rop=11mm,3Ch, 50CPR	ZIPPER 1
QEDS-9500	En,Rop=11mm,3Ch,360CPR,Alt Bent Lds	ZIPPER 1
HEDB-9141-A12	En,3Ch,500CPR,M.CW,6mm,bent lead	Z1-CW
HEDB-9141-B12	En,3Ch,1000CPR,Myr CW,6mm,bent ld	Z1-CW
HEDB-9141-C12	En,3Ch,100CPR,M.CW,6mm, bent lead	Z1-CW
HEDB-9141-E12	En,3Ch,200CPR,M.CW,6mm, bent lead	Z1-CW
HEDB-9141-G12	En,3Ch,360CPR,M.CW,6mm, bent lead	Z1-CW
HEDB-9100-A14	En,2CH,500CPR,M.CW,11ROP,5MM	Z1-CW
HEDB-9100-C12	En,2CH,100CPR,M.CW,11ROP,6MM	Z1-CW
HEDB-9100-I11	En,2CH,512CPR,M.CW,11ROP,4MM	Z1-CW
HEDB-9140-A12	En,3CH,500CPR,M.CW,11ROP,6MM	Z1-CW
HEDB-9140-B13	En,3CH,1000CPR,CW Side A,11ROP,8mm	Z1-CW
HEDB-9140-I13	En,3CH,512CPR,M.CW,11ROP,8MM	Z1-CW
HEDB-9141-J12	En,3CH,1024CPR,6mm,11ROP,Bt.Lds	Z1-CW
QEDB-7604	En,3CH,2000CPR,F.CW,23ROP,12MM	Z1-CW
QEDB-8511	En,3CH,1024CPR,MCW,23ROP,1/2IN,Bt	Z1-CW
QEDB-8512	EN,2CH,1000CPR,FCW,23ROP,BARE	Z1-CW
HEDT-9100#A00	Hi Temp En,2Ch,500CPR,11mm	ZIPPER 1
HEDT-9100#C00	Hi Temp En,2Ch,100CPR,11mm	ZIPPER 1
HEDT-9100#I00	Hi Temp En,2Ch,512CPR,11mm	ZIPPER 1
HEDT-9140#I00	Hi Temp En,3Ch,512CPR,11mm	ZIPPER 1
HEDS-9700-C50	Small En,2Ch,100CPR,Std	ZIPPER 2

HEDS-9700-C51	Small En,2Ch,100CPR,Str Lds,Rnd	ZIPPER 2
HEDS-9700-C52	Small En,2Ch,100CPR,Bkpl	ZIPPER 2
HEDS-9700-C54	5V, 2Ch,100CPR, Dig	ZIPPER 2
HEDS-9700#D50	Small En,2Ch,192CPR,Std	ZIPPER 2
HEDS-9700#D55	Sml En,2Ch,192CPR,Bkpl w/Pos	ZIPPER 2
HEDS-9700#E50	Small En,2Ch,200CPR,Std	ZIPPER 2
HEDS-9700#F50	Small En,2Ch,256CPR,Std	ZIPPER 2
HEDS-9700#F51	Small En,2Ch,256CPR,Rnd	ZIPPER 2
HEDS-9700#F52	Small En,2Ch,256CPR,Bkpl	ZIPPER 2
HEDS-9700#F54	Small En,2Ch,256CPR,Tabless	ZIPPER 2
HEDS-9700#H50	Small En,2Ch,400CPR,Std	ZIPPER 2
HEDS-9700#H51	Small En,2Ch,400CPR,Rnd	ZIPPER 2
HEDS-9700#H52	Small En,2Ch,400CPR,Bkpl	ZIPPER 2
HEDS-9700#H54	Small En,2Ch,400CPR,Tabless	ZIPPER 2
HEDS-9701-C51	Small En,2Ch,100CPR,Bt Lds,Rnd	ZIPPER 2
HEDS-9701-E50	Small En,2Ch,200CPR,Bt Lds,Std	ZIPPER 2
HEDS-9701#C54	Small En,2Ch,100CPR,Bt Lds,tabless	ZIPPER 2
HEDS-9701#E54	Small En,2Ch,200CPR,Bt Lds,tabless	ZIPPER 2
HEDS-9701#F51	Small En,2Ch,256CPR,Bt Lds,Rnd	ZIPPER 2
HEDS-9701#F54	Small En,2Ch,256CPR,Bt Lds,Tabless	ZIPPER 2
HEDS-9701#H50	Small En,2Ch,400CPR,Bt Lds,Std	ZIPPER 2
HEDS-9701#H54	Small En,2Ch,400CPR,Bt Lds,Tabless	ZIPPER 2
HEDS-9710-150	Z2,Analog,360lpi,str leads	ZIPPER 2
HEDS-9710#R50	Small En,2Ch,200LPI,Ang,Str,Std	ZIPPER 2
HEDS-9711-150	Z2,Analog,360lpi,bent leads	ZIPPER 2
HEDS-9711-154	Z2,Analog,360LPI,bent leads	ZIPPER 2
HEDS-9711#R50	Small En,2Ch,200LPI,Ang,Bent,Std	ZIPPER 2
HEDS-9720#L50	Small En,2Ch,120LPI,Str,Std	ZIPPER 2
HEDS-9720#L52	Small En,2Ch,120LPI,Str,Bkpl	ZIPPER 2
HEDS-9720#L54	Small En,2Ch,120LPI,Str,tabless	ZIPPER 2
HEDS-9720#P50	Small En,2Ch,150LPI,Str,Std	ZIPPER 2
HEDS-9720#P51	Small En,2Ch,150LPI,Str,Rnd	ZIPPER 2
HEDS-9720#P52	Small En,2Ch,150LPI,Str,Bkpl	ZIPPER 2
HEDS-9720#P54	Small En,2Ch,150LPI,Str,Tabless	ZIPPER 2
HEDS-9720#P55	Sml En,2Ch,150LPI,Str,Bckpl w/Pos	ZIPPER 2
HEDS-9721-P54	Small En,2Ch,150LPI,Bent,Tabless	ZIPPER 2
HEDS-9721#L51	Small En,2Ch,120LPI,Bent,Rnd	ZIPPER 2
HEDS-9721#P50	Small En,2Ch,150LPI,Bent,Std	ZIPPER 2
HEDS-9721#P51	Small En,2Ch,150LPI,Bent,Rnd	ZIPPER 2
HEDS-9721#P53	Sml En,2Ch,150LPI,Bent,Std w/Pos	ZIPPER 2
HEDS-9730-350	Z2,Digital,480lpi,str leads	ZIPPER 2
HEDS-9730-B50	Small En,2Ch,1000CPR,Str,Std	ZIPPER 2
HEDS-9730#250	Small En,2Ch,300LPI,Str,Std	ZIPPER 2
HEDS-9730#A50	Small En,2Ch,500CPR,Str,Std	ZIPPER 2
HEDS-9730#A54	Small En,2Ch,500CPR,Str,Tabless	ZIPPER 2
HEDS-9730#Q50	Small En,2Ch,180LPI,Str,Std	ZIPPER 2
HEDS-9730#Q54	Small En,2Ch,180LPI,Str,tabless	ZIPPER 2
HEDS-9731-350	Z2,Digital,480lpi,bent leads	ZIPPER 2
HEDS-9731-A54	5V, 2Ch,500CPR, Dig. 11mm Rop	ZIPPER 2
HEDS-9731#150	Small En,2Ch,360LPI,Bent,Std	ZIPPER 2
HEDS-9731#154	Small En,2Ch,360LPI,Bent,Tabless	ZIPPER 2
HEDS-9731#250	Small En,2Ch,300LPI,Bent,Std	ZIPPER 2

HEDS-9731#252	Small En,2Ch,300LPI,Bent,Bkpl	ZIPPER 2
HEDS-9731#254	Small En,2Ch,300LPI,Bent,Tabless	ZIPPER 2
HEDS-9731#A50	Small En,2Ch,500CPR,Bent,Std	ZIPPER 2
HEDS-9731#B50	Small En,2Ch,1000CPR,Bent,Std	ZIPPER 2
HEDS-9731#B54	Sml En,2Ch,1000CPR,Bent,Tabless	ZIPPER 2
HEDS-9731#J50	Sml En,2Ch,1024CPR,Bent,Bkpl w/Pos	ZIPPER 2
HEDS-9731#J51	Small En,2Ch,1024CPR,Bent,Rnd	ZIPPER 2
HEDS-9731#J54	Small En,2Ch,1024CPR,Bent,Tabless	ZIPPER 2
HEDS-9731#Q50	Small En,2Ch,180LPI,Bent,Std	ZIPPER 2
HEDS-9732#T50	Small En,2Ch,2000CPR,Str,Std	ZIPPER 2
HEDS-9740#150	Small En,2Ch,360LPI,Str,Std	ZIPPER 2
HEDS-9740#250	Small En,2Ch,300LPI,Str,Std	ZIPPER 2
HEDS-9740#Q50	Small En,2Ch,180LPI,Str,Std	ZIPPER 2
HEDS-9780#A50	Small En,2Ch,500CPR,80KHz,Str,Std	ZIPPER 2
HEDS-9780#G50	Small En,2Ch,360CPR,80KHz,Str,Std	ZIPPER 2
HEDS-9780#G54	Sml En,2Ch,360CPR,80KHz,Str,Tables	ZIPPER 2
HEDS-9780#H50	Small En,2Ch,400CPR,80KHz,Str,Std	ZIPPER 2
HEDS-9781-G54	Small En,2Ch,360CPR,80KHz,Bt,Std	ZIPPER 2
HEDS-9781-H54	Sml En,2Ch,400CPR,80KHz,Bt,Tabless	ZIPPER 2
HEDS-9781#H50	Sml En,2Ch,400CPR,80KHz,Bt,Std	ZIPPER 2
HEDS-97E0-R54	Small En,2ch,200LPI,Ang,Str	ZIPPER 2
QEDB-7566	Z2 PCA, Analog 360LPI	ZIPPER 2-Greatwall
QEDB-7571	Z2,FPCA,Digital,150LPI	ZIPPER 2-Color span
QEDB-7572-C01	Z2 PCBA,100CPR,RE20L AMP Conn	ZIPPER 2-RE20
QEDB-7572-E01	Z2 PCBA,200CPR,RE20L AMP Conn	ZIPPER 2-RE20
QEDB-7573-C01	Z2 PCBA,100CPR,RE20L JST Conn	ZIPPER 2-RE20
QEDB-7574-C01	Z2 PCBA,100CPR,RE20L AMP,add R10	ZIPPER 2-RE20
QEDB-7605	ASM Enc,200LPI with Tabs,SM Con	ZIPPER 2-Zerox Jupiter
QEDB-7606	ASM Enc,360LPI with Tabs,SM Con	ZIPPER 2-Zerox Jupiter
QEDB-9720-P50	Z2 9720-P50,180mm flex10.1mm pitch	ZIPPER 2-Niagara
QEDS-9835	Small En,2Ch,2000CPR,Bent,Tabless	ZIPPER 2
QEDS-9837	Small En,2Ch,150LPI,3Vout,Shr,spec	ZIPPER 2
QEDS-9858	Small En,2Ch,150LPI,Shr Lds,spec	ZIPPER 2
QEDS-9880	Small En,2Ch,150CPR,Std	ZIPPER 2
SEDB-7573	Z2(QEDS-9893-P52) on Flex	ZIPPER 2-On Flex
SEDS-9964	Small En,2ch,360LPI,Ang,Bt Lds	ZIPPER 2